

Table 4.5-1

APPROXIMATE DISTURBED AREAS
(Acres)

*Bond preparation
by Oil Shale
Office for
WKSOC.*

Type of Disturbance	Disturbed Areas			Treatment of Disturbed Areas (a)
	1981 Phase I 1983	PER AC BOND	THREE YR BOND	RECOMM BOND(g)
Access Roads (b)	44	500-	22,000	
Utility Corridors (c)	11	500-	5,500	
Construction Camps	85	2,000-	170,000	
Fines Stockpile (Phase I)	36	2,000-	72,000	
Processed Shale Landfill and Conveyance (d)	162	2,000-	324,000	
Phase I Dam (d,e)	Dam (f) 3	2,000-	6,000	
	Pool (f) 19	2,000-	38,000	
Southam Canyon Retention Dam (e)	Dam (f) -			
	Pool (f) -			
Process Site				
Tank farm and dikes	Dam (f) 8	2,000-	16,000	
Wastewater holding basin	Pool (f) 3			
Freshwater reservoir (e)	Dam (f) 17	2,000-	40,000	
	Pool (f) -			
Process pad, roads, buildings, sulfur product storage, etc.	70	2,000-	140,000	
Mining adits and shafts, stockpiles, service building, explosives storage, etc.	12	2,000-	24,000	
Mine Vent Shafts and Excavation Landfill	-			
Total	470		867,500	1,000,000

(a) Figures in these columns do not equal "Total Disturbed Area" because some slopes may not be revegetated owing to fire hazards. Also, some areas revegetated during Phase I will be filled over during construction of Phases II and III.

(b) Areas for access roads include allowances for an electric utility line.

(c) Phase I 6-inch freshwater pipeline includes an allowance for an electric utility line.

(d) Phase I catchment is filled over during Phase II.

(e) Pool areas for all impoundments except freshwater reservoir are maximum design areas.

(f) Dam areas indicated are the areas left exposed when maximum design pool is impounded.

(g) FIGURE WITHIN 20% ACCURACY ROUNDED TO \$1,000,000

Table 4.5-1

APPROXIMATE DISTURBED AREAS
(Acres)

Type of Disturbance	Disturbed Areas				Treatment of Disturbed Areas (a)	
	Phase I	Phase II	Phase III	Total	Paved and Built-Over (Including Dam Pools)	Revegetated During Operation
Access Roads (b)	44	—	—	44	20	22
Utility Corridors (c)	11	31	—	42	—	42
Construction Camps	85	35	46	166	—	166
Fines Stockpile (Phase I)	36	—	—	36	—	36
Processed Shale Landfill and Conveyance (d)	162	501	1,770	2,433	—	2,433
Phase I Dam (d,e)	3	—	—	3	—	3
Southam Canyon Retention Dam (e)	19	—	—	19	19	—
Process Site	—	6	—	6	—	6
Tank farm and dikes	—	35	—	35	35	—
Wastewater holding basin	8	14	24	46	11	35
Freshwater reservoir (e)	3	—	—	3	—	3
Process pad, roads, buildings, sulfur product storage, etc.	17	—	—	17	17	—
Mining adits and shafts, stockpiles, service building, explosives storage, etc.	—	3	—	3	—	—
Mine Vent Shafts and Excavation Landfill	—	14	—	14	14	—
	70	80	89	239	75	12
	12	6	4	22	17	5
	—	3	1	3	—	3
Total	470	728	1,933	3,131	208	2,766

- (a) Figures in these columns do not equal "Total Disturbed Area" because some slopes may not be revegetated owing to fire hazards. Also, some areas revegetated during Phase I will be filled over during construction of Phases II and III.
- (b) Areas for access roads include allowances for an electric utility line.
- (c) Phase I 6-inch freshwater pipeline includes an allowance for an electric utility line.
- (d) Phase I catchment is filled over during Phase II.
- (e) Pool areas for all impoundments except freshwater reservoir are maximum design areas.
- (f) Dam areas indicated are the areas left exposed when maximum design pool is impounded.